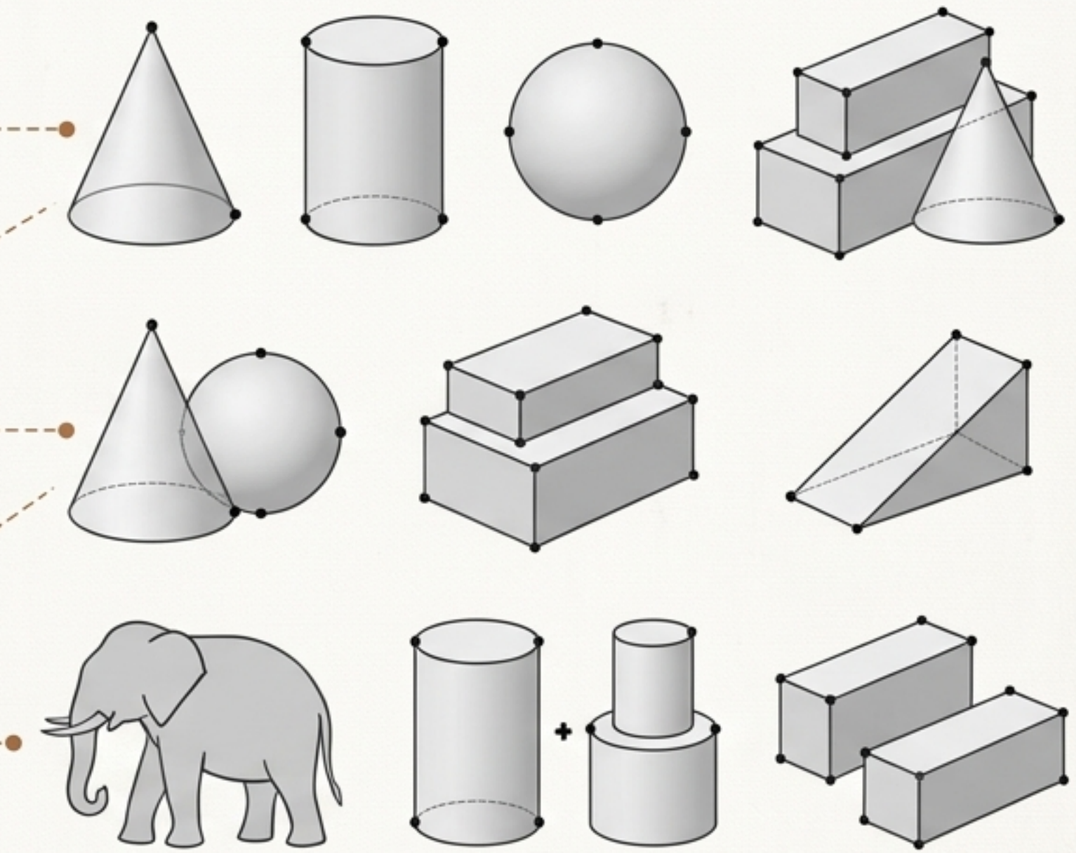
Ancient Indian Geometry

Modern Cognitive Geons



Indigenous artists intuitively mastered the art of structural abstraction. Warli reduces complex life to inverse triangles; Pattachitra captures character through bold, sharp profiles. These traditional arts perfectly mirror the cognitive shape caricatures optimal for early linguistic learning.

NotebookLM

Page 2: The Old Tree

Focus: Perceiving Nature.

The child learns to parse complex natural environments. By connecting the vertices, they discover that nature is constructed from simple, stacked geometric volumes—translating the chaos of the forest into understandable mathematical shapes.

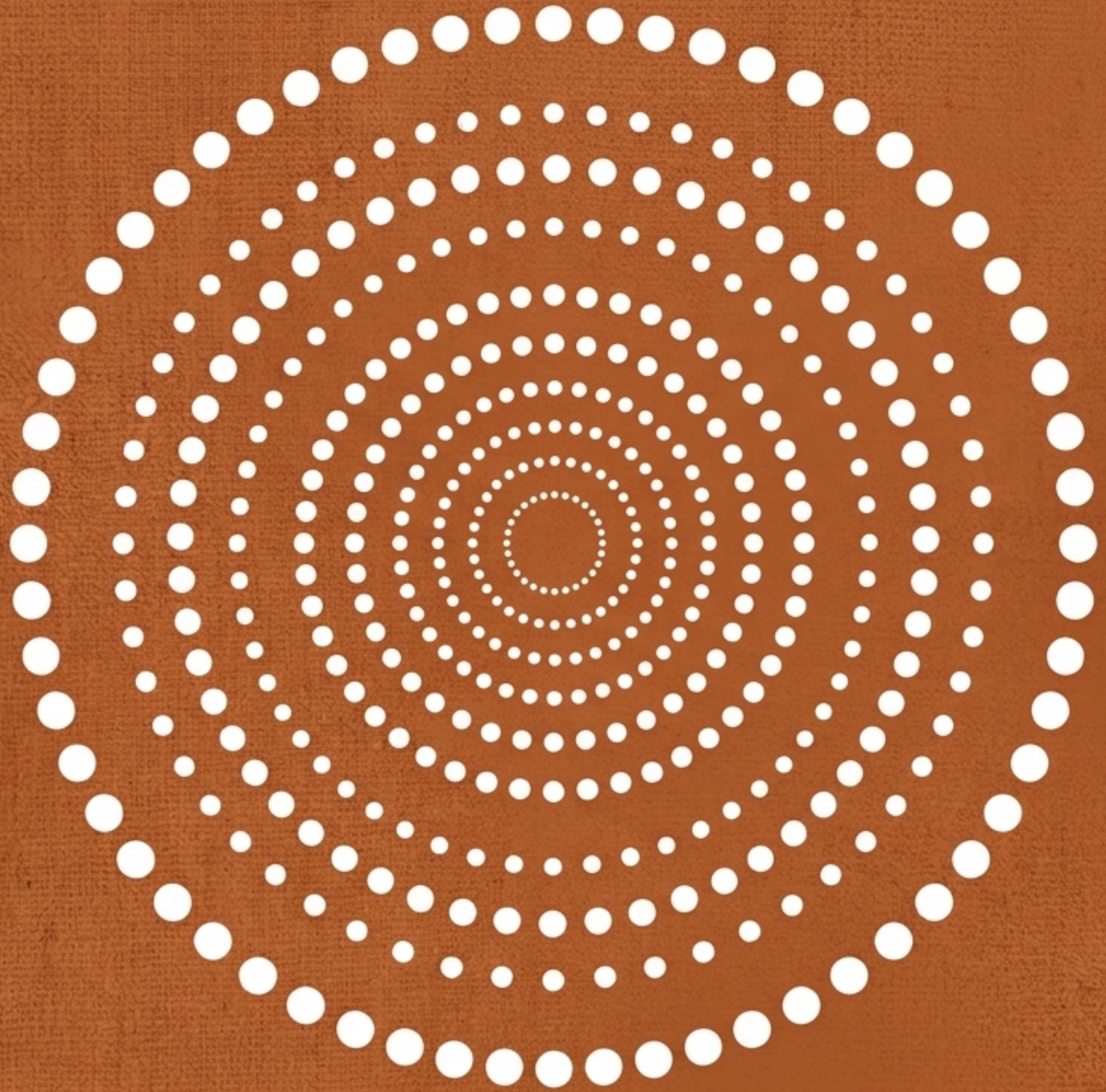
NotebookLM

Page 3: The Singing Bird

Focus: Character & Motion.

Transitioning to the Pattachitra style, the dots map the flowing, organic outlines of a bird in profile. This teaches shape recognition of living creatures, capturing the essence of motion and character through sharp, deliberate vertices.

NotebookLM

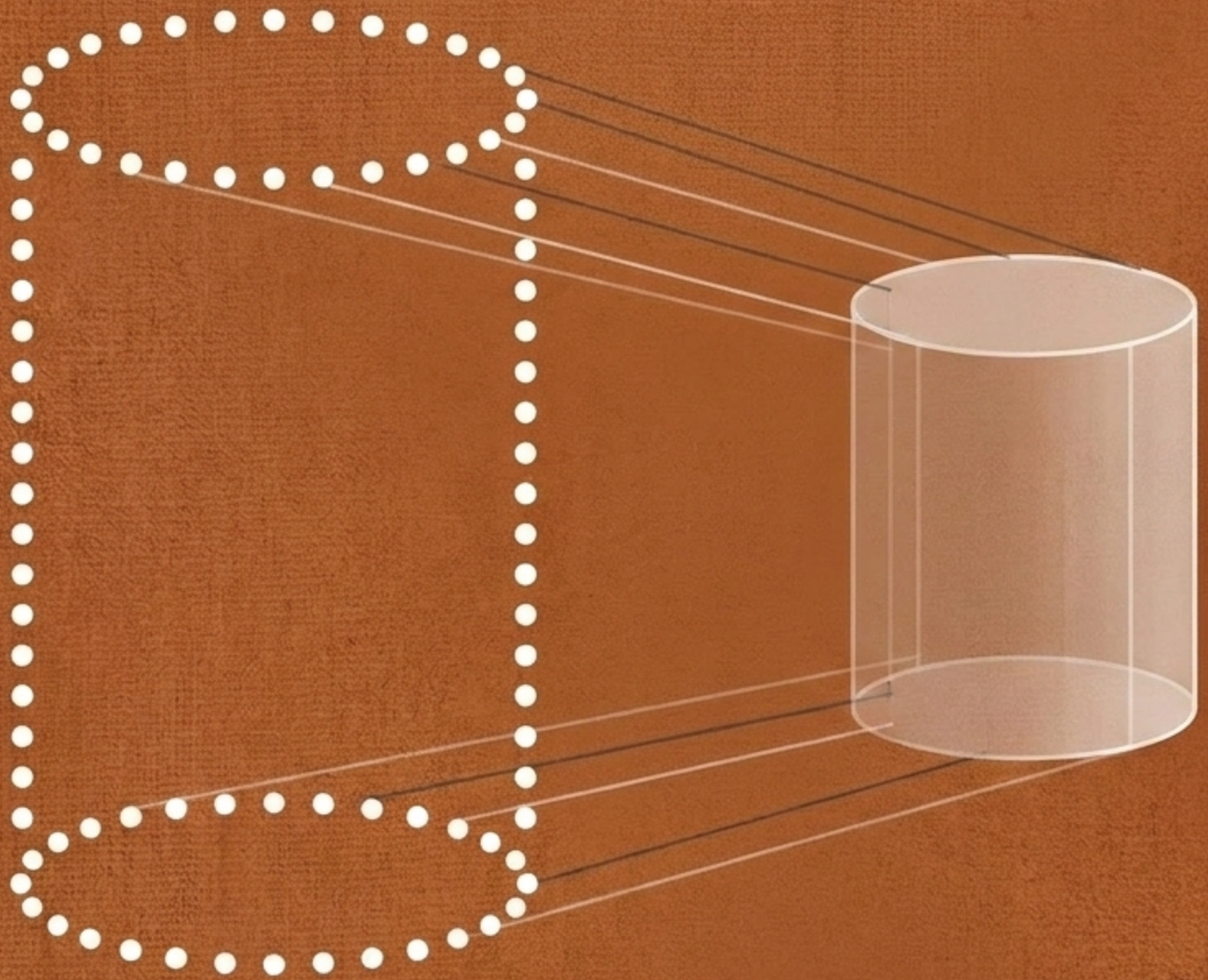


Page 4: The Sacred Lake

Focus: Community & Ecosystems.

Inspired by the real-world community conservation of Puttenahalli Lake, this page uses circular geometric motifs. It teaches children the shape of interconnected ecosystems and the cultural value of preserving natural water bodies.

NotebookLM



Page 5: The Rhythm of the Drum

Focus: Object & Action.

Referencing the beloved folktale *The Boy and His Drum*, the child translates 2D vertices into a 3D cylindrical shape. This bridges traditional storytelling with advanced spatial geometry, completing the foundational cognitive loop.

NotebookLM

A journey that begins with a single dot, and ends with a broader mind.

Contact information & Next Steps

NotebookLM